

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/597951.app.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 13:41
S2	3061	(dai near3 nippon).as.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:21
S3	19	S2 (concavoconvex)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:21
S4	854861	nippon.as.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:22
S5	2056	S4 (decorative.ab.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:22
S6	0	S5 (interaction same ink)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:22
S7	80	S5 (gloss)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:23
S8	20	S5 ((water or hydraulic or aqueous) near5 transfer\$4)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/01 17:25
S9	5	("20020192375"   "20020192378"   "4614683"   "6428647"	US- PGPUB;	AND	ON	2010/02/01 17:27

		"6653394").PN.	USPAT; USOCR			
S10	31	("4310370").URPN.	USPAT	AND	ON	2010/02/01 17:35
S11	58	4029831 4396448	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/02 13:13
S12	2	S11 ((water or hydraulic or aqueous) near5 transfer\$4)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/02 13:25
S13	98	(differential near5 gloss) (ink near10 (absorption or absorb\$3))	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 10:27
S14	4	(differential near5 gloss) (concave convex)	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 10:36
S15	587	(concave convex) decorative.ab.	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 10:42
S16	2	S15 ((differential or different) near5 gloss)	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 10:42
S17	3	("4226933").URPN.	USPAT	AND	ON	2010/02/04 13:11
S18	2	("6326074").URPN.	USPAT	AND	ON	2010/02/04 13:12
S19	587	(concave convex) decorative.ab.	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 13:18
S20	124	S19 (ink)	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 13:18
S21	2	S20 ((hydraulic or water) near3 transfer\$4)	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 13:20
S22	80	((hydraulic or water) near3 (transfer\$4 or transferrable)) (decorative.ab.)	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 13:27
S23	14	("4396448").URPN.	USPAT	AND	ON	2010/02/04 13:50
S24	12	("0335628"   "1560838"   "1689073"   "1901427"   "3655312"   "3814647"   "3859110").PN.	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 13:53

S25	12	("4196033").URPN.	USPAT	AND	ON	2010/02/04 14:02
S26	5031	convex same ink	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/04 16:11
S27	145	S26 (decorative.ab.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/04 16:11
S28	26	("5019202").URPN.	USPAT	AND	ON	2010/02/04 16:22
S29	8	"4400252"	USPAT	AND	ON	2010/02/04 16:30
S30	17	"3452861"	USPAT	AND	ON	2010/02/04 16:31
S31	6	("5503905").URPN.	USPAT	AND	ON	2010/02/04 16:45
S32	15	("5779840").URPN.	USPAT	AND	ON	2010/02/04 16:46
S33	3	S31 (UV or (ultra adj violet))	USPAT	AND	ON	2010/02/04 16:46
S34	1	S30 (UV or (ultra adj violet))	USPAT	AND	ON	2010/02/04 16:49
S35	0	"20020098328"	USPAT	AND	ON	2010/02/04 16:58
S36	1	"20020098328"	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 16:58
S37	5	6551392 6554940 6852394	US- PGPUB; USPAT; USOCR	AND	ON	2010/02/04 17:18
S38	0	11/877211.app.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/05 10:34
S39	11	"4841652"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/05 10:40
S40	23	(US-20020192378-\$ or US- 20070154685-\$ or US-20030129369-\$ or US-20030108675-\$ or US- 20020187314-\$ or US-20020098328-\$). did. or (US-6902642-\$ or US- 4310370-\$ or US-4029831-\$ or US- 4396448-\$ or US-4407881-\$ or US- 6150007-\$ or US-4226933-\$ or US-	US- PGPUB; USPAT; DERWENT	AND	ON	2010/02/10 14:11

		6350558-\$ or US-6326074-\$ or US-4196033-\$ or US-5665457-\$ or US-5019202-\$ or US-5503905-\$ or US-5779840-\$ or US-5981009-\$ or US-6680104-\$).did. or (JP-10175363-\$).did.				
S41	10	S40 (carbon adj black)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/10 14:11
S42	259	(solvent adj (less or free)) near5 lacquer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:35
S43	21	S42 ((UV or (ultra adj violet)) near3 (curing or curable or cure\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:36
S44	7	(solvent adj (less or free)) same ((hydraulic or water) adj transfer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:38
S45	361	(solvent adj (less or free)) near5 (lacquer or (top adj coat) or protective or wear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:46
S46	35	S45 ((UV or (ultra adj violet)) near3 (curing or curable or cure\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:46
S47	1	S46 (transfer near3 (sheet or film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:47
S48	12	S46 (transfer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:47
S49	1974	ohashi.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:49

S50	2	S49 ((UV or (ultra adj violet)) near3 (curing or curable or cure\$1))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:49
S52	57	S49 (lacquer or (top adj coat) or protective or wear)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:54
S53	2	S49 (transfer near3 (sheet or film))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 09:55
S54	894	hydraulic adj transfer\$4	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:29
S55	3	S54 ((UV or (ultra adj violet)) near3 (curing or curable or cure\$1))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:30
S56	78514	(hydraulic or water) near3 transfer\$4	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:30
S57	521	S56 ((UV or (ultra adj violet)) near3 (curing or curable or cure\$1))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:31
S58	0	S57 (solvent adj (less or free)) near5 (lacquer or (top adj coat) or protective or wear)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:31
S59	99	S57 ("428".das.)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:32
S60	89	S59 (solvent)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 12:35

S61	5	("20020192375"   "20020192378"   "4614683"   "6428647"   "6653394").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/02/12 12:42
S62	6	("6653394").URPN.	USPAT	AND	ON	2010/02/12 12:45
S63	2	"5529812"	USPAT	AND	ON	2010/02/12 12:48
S64	1717	(lacquer or (top adj coat) or protective or wear) same ((interact\$3 or intermix\$3 or mix\$3 or absorb\$3) near\$1 ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 14:39
S65	44	S66 S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 14:39
S66	1	S54 S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 14:40
S67	9	"5354367"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 14:42
S68	2	"6653394".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 15:02
S69	1	S68 (pre adj polymer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 15:02
S70	27	(US-20020192378-\$ or US-20070154685-\$ or US-20030129369-\$ or US-20030108675-\$ or US-20020187314-\$ or US-20020098328-\$ or US-20070051458-\$).did. or (US-6902642-\$ or US-4310370-\$ or US-4029831-\$ or US-4396448-\$ or US-4407881-\$ or US-6150007-\$ or US-4226933-\$ or US-6350558-\$ or US-6326074-\$ or US-4196033-\$ or US-5665457-\$ or US-5019202-\$ or US-5503905-\$ or US-5779840-\$ or US-5981009-\$ or US-6680104-\$ or US-6653394-\$ or US-7022748-\$ or US-5354367-\$).did. or (JP-10175363-\$).did.	US-PGPUB; USPAT; DERWENT	AND	ON	2010/02/12 16:44

S71	3	S70 (matting or matted (carbon adj black))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 16:46
S72	2076	264/ 241.cds.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:09
S73	45	S72 (cellulose binder)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:09
S74	27302	forming decorative panel	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:10
S75	1338	S74 (cellulose binder)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:10
S76	80	S75 (consolidate)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:10
S77	1	11/845970.app.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:11
S78	161913	"156".clas.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:14
S79	347	S78 (wood adj panel)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:14
S80	14	lignocellulose same (extrude)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/02/12 18:18

S81	1308	((carbon adj black) near5 absorb\$3) same (resin)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 10:16
S82	200	((carbon adj black) near5 absorb\$3) same ((ultraviolet or "UV") with (resin or polymer or prepolymer))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 10:17
S83	89	((carbon adj black) near5 absorb\$3) same (oil with (resin or polymer or prepolymer))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 10:19
S84	1233	((carbon adj black) near5 absorb\$3) with (resin or polymer or prepolymer)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 10:29
S85	72	((carbon adj black) near5 absorb\$3) with (ink or pattern\$4) same (resin or polymer or prepolymer))	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 10:32
S86	139056	(dai adj nippon or "dainippon").as.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 12:30
S87	145	taruya.in. near1 takashi.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 12:31
S88	128	S86 S87	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/04 12:31
S89	25	"5139338"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/05 10:04
S90	1	12/000380.app.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2010/10/05 10:09



S95	8	US-5560796-\$.D.I.D. OR US-5432258-\$.D.I.D. OR US-5354367-\$.D.I.D. OR US-20070051458-\$.D.I.D.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/18 15:31
S96	2135	((absorb\$4 or united or uniting or interact\$3) near5 resin) with ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 09:57
S97	80	S96 (428/195.1.cds.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 09:58
S98	546	S96 ("428".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:06
S99	140578	dainippon.as. or (dai near1 nippon).as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:06
S100	86	S99 S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:06
S101	439	S99 ((hydraulic or water) near3 transfer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:07
S102	32	S101 ("428".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:07
S103	6	S101 ((absorb\$4 or united or uniting or interact\$3) near5 resin) with ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:08
S104	86	S99 ((absorb\$4 or united or uniting or interact\$3) near5 resin) with ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:40

S105	2135	((((absorb\$4 or united or uniting or interact\$3) near5 resin) with ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:51
S106	58	S105 ((hydraulic or water) near3 transfer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:51
S107	13	S106 (carbon near3 black)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 10:52
S108	5	(hydrophobic adj ink) same S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 11:23
S109	860	ink near3 absorb\$3 near3 resin	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 13:07
S110	4	S109 (hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/01/19 13:08
S111	988	(carbon near1 black) with (absorb\$3 near5 (resin or oil))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/10/08 17:09
S112	91	S111 "428".cls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/10/08 17:10
S113	12	US-6902642-\$.DID. OR US-3907974-\$.DID. OR US-5560796-\$.DID. OR US-5432258-\$.DID. OR US-5354367-\$.DID. OR US-4490410-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2011/10/08 17:17

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7011	428/195.1,207.ccls.	US-PGPUB;	AND	ON	2012/02/01

			USPAT; UPAD			16:06
L2	98	I1 (pigment with resin with (absorp\$3 or absorb\$3))	US-PGPUB; USPAT; UPAD	AND	ON	2012/02/01 16:07

2/ 1/ 2012 4:13:29 PM

C:\Users\pkhatri\Documents\EAST\Workspaces\10597951 decorative panel with  
hydraulic transfer concave convex.wsp